CHECKLIST OF TIGER BEETLES FROM IDAHO (COLEOPTERA: CICINDELIDAE)

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ABSTRACT.—Sixteen species of Tiger Beetles are listed for Idaho, along with the counties of occurrence for each species. Three species are placed in a checklist of Idaho species for the first time: Cicindela depressula depressula Casey, Cicindela parowana wallisi Calder, and Cicindela decemnotata decemnotata Say.

Leng (1920) listed 5 species of Tiger Beetle from Idaho. Hatch (153:340) treated 10 species, to which Rumpp (1967) added 3 more species. The most recent checklist included only those 13 Idaho species (Boyd 1982:31). Three other species, Cicindela depressula depressula Casey, Cicindela parowana wallisi Calder and Cicindela decemnotata decemnotata Say, were known to occur, but did not appear in reviewed literature. The following checklist includes those omitted species and presents additional distribution for Idaho species. The list is offered in anticipation of a more extensive monograph of Idaho Tiger Beetles.

Idaho has 44 counties. Those counties of occurrence accompany each species. The use of subspecific names is avoided if, at this time, the subspecific status is questioned or under review. The list includes the following.

Cicindela (Cicindela) longilabris Say: Boise, Bonner, Boundary, Clearwater, Idaho, Latah.

Cicindela (Cicindela) nebraskana Casey: Caribou, Cassia, Franklin, Fremont, Lemhi, Twin Falls.

Cicindela (Cicindela) oregona oregona Le-Conte: Ada, Adams, Bannock, Bear Lake, Benewah, Blaine, Boise, Bonner, Bonneville, Boundary, Camas, Canyon, Cassia, Clearwater, Elmore, Franklin, Fremont, Gem, Gooding, Idaho, Kootenai, Latah, Lewis, Minidoka, Nez Perce, Owyhee, Payette, Power, Shoshone, Twin Falls, Valley, Washington. Note: Freitag (1965) listed a hybrid C. o. oregona x gutifera from Bannock, Bear Lake, Franklin, Fremont, and Lemhi counties.

Cicindela (Cicindela) repanda repanda Dejean: Ada, Bear Lake, Boise, Clearwater, Idaho, Latah, Lewis, Nez Perce, Owyhee, Shoshone, Twin Falls, Washington.

Cicindela (Cicindela) depressula depressula Casey: Idaho County.

Cicindela (Cicindela) hirticollis hirticollis Say: Fremont, Idaho, Lewis, Nez Perce, Washington.

Cicindela (Cicindela) arenicola Rumpp: Fremont, Minidoka, Owyhee.

Cicindela (Cicindela) columbica columbica Hatch: Idaho, Lewis.

Cicindela (Cicindela) purpurea auduboni Olivier: Ada, Blaine, Boise, Elmore, Gem, Latah, Lincoln, Minidoka, Nez Perce, Oneida, Owyhee, Twin Falls.

Cicindela (Cicindela) plutonica Casey: Ada, Canyon, Cassia, Elmore, Lemhi, Owyhee.

Cicindela (Cicindela) parowana wallisi Calder: Elmore, Gem, Owyhee.

Cicindela (Cicindela) decemnotata decemnotata Say: Bannock, Bear Lake, Bingham, Butte, Cassia, Lincoln, Oneida, Twin Falls.

Cicindela (Cicindela) tranquebarica Herbst: Ada, Bannock, Benewah, Blaine, Boise, Bonner, Gooding, Idaho, Kootenai, Latah, Lewis, Lincoln, Minidoka, Owyhee, Power, Teton, Twin Falls, Valley.

Cicindela (Cicindelidia) haemorhagica haemorhagica LeConte: Ada, Adams, Boise, Canyon, Cassia, Elmore, Franklin, Gooding, Jerome, Minidoka, Owyhee, Power, Twin Falls, Washington.

Cicindela (Cicindelidia) willistoni echo Casey: Elmore, Owyhee.

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Cicindela (Cylindera) terricola imperfecta LeConte: Bear Lake, Canyon, Caribou, Cassia, Custer, Jerome, Gooding, Twin Falls.

Locality data were taken from specimens in the following collections: Boise State University (Charles Baker), California Academy of Sciences (David Kavanaugh), Don Brothers, College of Idaho (William Clark), Idaho State University (Robert Anderson), Norman Rumpp, University of Idaho (William Barr), Utah State University (Wilford Hansen), and my collection.

All specimen identifications were made or verified by myself or by Mr. Norman Rumpp.

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LITERATURE CITED

- Boyd, H. 1982. Checklist of Cicindelidae: The tiger beetles. Plexus Publishing, New Jersey.
- FREITAG, R. 1965. A revision of the North American species of the *Cicindela maritima* group with a study of hybridization between *Cicindela duodecimgutata* and *oregona*. Questiones entomologicae 1965:87–170.
- HATCH, M. H. 1953. Beetles of the Pacific Northwest. Univ. of Washington Press, Seattle. Vol. 1.
- Leng, C. W. 1920. Catalogue of the Coleoptera of America North of Mexico. Sherman, New York.
- Rumpp, N. 1967. A new species of *Cicindela* from Idaho (Coleoptera: Cicindelidae). Proceedings of the California Academy of Sciences (4)35(7):129–140.